

GEOTHEMAL WELLS

Closed loop vertical system

Senate Energy & Telecomm.Comm.

Exhibit No. 2

Date 3.5.13

Bill No. SB 243



Huntley Project High School geothermal well field
Football practice field
Each black pipe sticking up is a well with a loop installed.





Factory made loops for each well



Grout pump. Well is grouted full after loop is installed in well



Well field
Triangle Co-op, Havre



Well that has loop installed and grouted full

GEOTHERMAL WELLS

Open loop system



Extraction well located in a vault in parking lot/driveway
1st Interstate Bank, Missoula
System is designed for 800 gpm



Reinjection well vault



Well snorkel cap for both wells. Cap is rated to be submersed in 25ft of water. A variance permit was issued from the Board of Water Well Contractors to allow the wells caps to be placed below the surface of the ground.